

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A golf club head comprising:

a body including a recess in a front side thereof; and

a striking plate including a striking face on a front side thereof for striking a golf ball, a plurality of positioning protrusions projecting from ~~a~~an outer perimeter of the striking plate, said positioning protrusions being integrally formed on said outer perimeter and ~~are~~ adapted to provide a tolerance in an assembling step so as to define a welding channel thereof, and connected to said recession of said body in a welding step by welding portion formed on said welding channel such that said welding portion securely mounts said striking plate in said recess of the body by said positioning protrusions and said outer perimeter of the striking plate being welded to an inner perimeter of the recess of the body;

wherein when the striking plate is initially inserted into the recess of the body in the assembling step, said positioning protrusions plastically deform and securely engage with ~~an~~the inner perimeter delimiting the recess to prevent said striking plate from falling off from said recess of said body, after the assembling step, for aiding welding operation, thereby positioning the striking plate in the recess and simplifying assembling and positioning for a subsequent welding procedure, said positioning protrusions being disposed in a gap of said welding channel formed between the recess of the body and the striking plate.

2. (Original) The golf club head as claimed in claim 1, wherein the recess includes a stepped portion for supporting the striking plate.

3. (Original) The golf club head as claimed in claim 1, wherein each of said plurality of positioning protrusions projects to a position that is outside the recess and that has a distance of 0.5 mm - 0.2 mm to the inner perimeter delimiting the recess for plastic deformation.

4. (Original) The golf club head as claimed in claim 1, wherein two of said plurality of positioning protrusions adjacent to each other have a buffering space therebetween, a ratio of a width of the respective positioning protrusion to a width of the respective buffering space is between 1:9 and 9:1.

5. (Original) The golf club head as claimed in claim 1, wherein each of said plurality of positioning protrusions has an inclined face on a bottom side thereof for guiding said plurality of positioning protrusions into the recess of the body.

6. (Original) The golf club head as claimed in claim 1, wherein the striking face and said plurality of protrusions define a space for receiving filler.

7. (Original) The golf club head as claimed in claim 1, wherein each of said plurality of positioning protrusions is one of a parallelepiped, trapezoid column, semi-cylinder, and a triangular prism.

8. (Original) The golf club head as claimed in claim 1, wherein said subsequent welding procedure is one of manual welding and automated welding.

9. (Original) The golf club head as claimed in claim 1, wherein said subsequent welding procedure is one of braze welding, argon welding, laser welding, electric beam welding, and plasma welding.

10. (Currently Amended) A golf club head comprising:

a body including a recess in a front side thereof, a plurality of positioning protrusions projecting from an inner perimeter delimiting the recess; and

a striking plate including a striking face on a front side thereof for striking a golf ball, and an outer perimeter;

said positioning protrusions of said body are integrally formed on said inner perimeter and adapted to provide a tolerance in an assembling step so as to define a welding channel thereof, and connected to a perimeter of said striking plate in a welding step by a welding portion formed on said welding channel such that said welding securely mounts said striking plate in said recess of said body by said positioning protrusions and said inner perimeter of the recess of the body being welded to the outer perimeter of the striking plate;

wherein when the striking plate is initially inserted into the recess of the body in the assembling step, said positioning protrusions plastically deform and securely engage with the outer perimeter of the striking plate to prevent said striking plate from falling off from said recess of said body, after the assembling step, for aiding welding operation, thereby positioning the striking plate in the recess and simplifying assembling and positioning for a subsequent

welding procedure, said positioning protrusions being disposed in a gap of said welding channel and engaged between the recess of the body and the striking plate.

11. (Original) The golf club head as claimed in claim 10, wherein the recess includes a stepped portion for supporting the striking plate.

12. (Original) The golf club head as claimed in claim 10, wherein each of said plurality of positioning protrusions projects to a position that has a distance of 0.5 mm - 0.2 mm to the perimeter of the striking plate for plastic deformation.

13. (Original) The golf club head as claimed in claim 10, wherein two of said plurality of positioning protrusions adjacent to each other have a buffering space therebetween, a ratio of a width of the respective positioning protrusion to a width of the respective buffering space is between 1:9 and 9:1.

14. (Original) The golf club head as claimed in claim 10, wherein the striking face and said plurality of protrusions define a space for receiving filler.

15. (Original) The golf club head as claimed in claim 10, wherein each of said plurality of positioning protrusions is one of a parallelepiped, trapezoid column, semi-cylinder, and a triangular prism.

16. (Original) The golf club head as claimed in claim 10, wherein said subsequent welding procedure is one of manual welding and automated welding.

17. (Original) The golf club head as claimed in claim 10, wherein said subsequent welding procedure is one of braze welding, argon welding, laser welding, electric beam welding, and plasma welding.

18. (Currently Amended) A golf club head comprising:

a body including a recess in a front side thereof, said body being made from a first metal material, a plurality of positioning protrusions projecting from an inner perimeter delimiting the recess;

a striking plate including a striking face ~~and a perimeter~~ on a front side thereof for striking a golf ball, and an outer perimeter, said striking plate being made from a second metal material;

a plurality of positioning protrusions provided and integrally formed on one of the inner perimeter of the recession of the body and the outer perimeter of the striking plate, said positioning protrusions being in a same plane as the striking plate, and, when the striking plate is inserted into the recess of the body, said positioning protrusions are plastically deformed and engaged with one of the ~~perimeter-perimeters~~ of the striking plate and the recession of the body that forms a gap between the body and the striking plate in an assembling step so as to define a braze welding channel thereof; and

a braze welding material filled into said braze welding channel of said gap for braze welding so as to form a braze welding portion that connects between said first metal material and said second metal material,

wherein said braze welding portion formed on said braze welding channel securely mounts said perimeter of the striking plate to the recession of the body after a braze welding step; and

wherein the engagement of the protrusions between the striking plate and the recession of the body prevents said striking plate from falling off from said recess of said body, after the assembling step, for aiding welding operation, said positioning protrusions being disposed in the gap of said braze welding channel and being engaged between the recess of the body and the striking plate.

19. (Previously Presented) The golf club head as claimed in claim 1, wherein the positioning protrusions are in a same plane as the striking plate.

20. (Previously Presented) The golf club head as claimed in claim 18, wherein the positioning protrusions are in a same plane as the striking plate.

21. (New) The golf club head as claimed in claim 10, wherein the positioning protrusions are in a same plane as the striking plate when the striking plate is mounted in said recess of the body.

22. (New) The golf club head as claimed in claim 1, wherein said body is made from a first metal material and said striking plate is made from a second metal material such that said welding portion connects between said first metal material and said second metal material.

23. (New) The golf club head as claimed in claim 10, wherein said body is made from a first metal material and said striking plate is made from a second metal material, such that said welding portion connects between said first metal material and said second metal material.